

19981125.qrp v01_n287.qrs.981125

Date: Wed, 25 Nov 1998 19:05:17 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1287

QRP-L Digest 1287

Topics covered in this issue include:

- 1) [25853] Re: Where do I find a fishing pole?
by "John Burnley" <burnley-ia@worldnet.att.net>
- 2) [25854] Thanks to all RE: Circuit Software question
by Mike Parkes <ab7ru@yahoo.com>
- 3) [25855] For Sale
by N5JI@aol.com
- 4) [25856] Re: [CW] New Call
by "K10J" <k10j@swbell.net>
- 5) [25857] AA4XX 5mW Beacon Summary
by Paul Stroud <aa4xx@ipass.net>
- 6) [25858] More 11-2-10 project notes
by Steven Weber <kd1jv@moose.ncia.net>
- 7) [25859] Stuff FS
by Jack Parker <Pparker@greatbasin.net>
- 8) [25860] W6MMA/SLV
by ka7you@juno.com
- 9) [25861] SS QRP
by "Jim Sharp" <lobar@doitnow.com>
- 10) [25862] FOX: N/T+
by Tom Palmer <n1tp@worldnet.att.net>
- 11) [25863] Re: IC-735 Problem
by "Hugo W. Catta" <hugo@banet.net>
- 12) [25864] BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by Wayne Burdick <n6kr@elecraft.com>
- 13) [25865] 98 SS CW Pins
by flydnq7x@primenet.com (Floyd Smithberg)
- 14) [25866] Re: N/T+ fox for Tuesday
by "Steve/n0tu" <n0tu@webaccess.net>
- 15) [25867] Fox in the bag
by "Marshall Emm" <mgemm@mtechnologies.com>
- 16) [25868] Re: [25824] novice bands
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 17) [25869] Re: Stuff FS
by Jack Parker <Pparker@greatbasin.net>
- 18) [25870] First Fox !!!!
by Richard Powell <wb6jbm@mpna.com>
- 19) [25871] A strange K8FF Paddle proposal

- by mwattcpa@earthlink.net (Marty Watt)
- 20) [25872] FOX: N/T+ Great Response!
by "David Ek" <ekdave@earthlink.net>
- 21) [25873] 11-2-10 mania, beacons & RS units...
by radman <radman@best.com>
- 22) [25874] Fox in the bag
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 23) [25875] Thanks for FOX pelt :-)
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 24) [25876] Cable question
by Vic Rosenthal <rakefet@rakefet.com>
- 25) [25877] fox
by Bob Hightower <ki7mn@extremezone.com>
- 26) [25878] Re: FOX: N/T+ Great Response!
by Tom Palmer <n1tp@worldnet.att.net>
- 27) [25879] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by Baranger1@aol.com
- 28) [25880] FOX: Just shooting blanks.
by Shepherd@aol.com
- 29) [25881] Re: elevated antenna cite
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 30) [25882] Re: Elmer 101 Sw-40+ sidetone
by applitech@mcg.net (Claton Cadmus)
- 31) [25883] FOX: N/T+ Great Response!
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 32) [25884] Re: htx 202
by "Gene Hall" <evhall@ix.netcom.com>
- 33) [25885] ARRL and QRP Awards
by K0su@kktv.com
- 34) [25886] FOX: Just shooting blanks.
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 35) [25887] No Fox, but.....
by DENNISMO@aol.com
- 36) [25888] FS: TIMEWAVE DSP-9
by Dennis Brickey <n4dd@preferred.com>
- 37) [25889] Code Warrior
by we6w@juno.com (Ed Loranger)
- 38) [25890] Re: Cable question
by Stan Goldstein <stan@cruzio.com>
- 39) [25891] Callsign Change...
by Bruce Hopkins - KL7H <kl7jaf@eagle.ptialaska.net>
- 40) [25892] Re: Code Warrior
by Tom Palmer <n1tp@worldnet.att.net>
- 41) [25893] Re: Code Warrior
by "Bruce Barley" <lbbbarley@feist.com>
- 42) [25894] Fox: got him - I think
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 43) [25895] I think Ive made my choice

- by "DJ Rock" <b2bn@hotmail.com>
- 44) [25896] Re: Opinion wanted: wire and ladder line source
by "david r" <elbc@pivot.net>
- 45) [25897] DSP filter for KC2EEQ
by kf2ew@juno.com
- 46) [25898] Re: N/T+ fox for Tuesday
by "Steve/n0tu" <n0tu@webaccess.net>
- 47) [25899] Re: A strange K8FF Paddle proposal
by mwattcpa@earthlink.net (Marty Watt)
- 48) [25900] Re: elevated antenna cite
by n3aaz-qrp@juno.com (John R Kirby)
- 49) [25901] Code Groups and Code Practice
by Chuck Adams <adams@ticnet.com>
- 50) [25902] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
- 51) [25903] wire
by W5TB <w5tb@SoftHome.net>
- 52) [25904] FS: Yaesu FT-7
by "Jim Johnson" <km7h@gte.net>
- 53) [25905] Wanted: RF-1
by "Steve/n0tu" <n0tu@webaccess.net>
- 54) [25906] FOX - Reminder
by Brian Murrey <brian@iquest.net>
- 55) [25907] FOX:S-9+
by sholisky@ktca.org (Scott Holisky)
- 56) [25908] FOX: Rough Going and no pelt
by "Franco, Nicholas J" <franco@bnl.gov>
- 57) [25909] SS-SSB-QRP-VE5QRP-
by Bruce Rattray <rattray@gpfn.sk.ca>
- 58) [25910] N/T+ fox: observations of the 2nd time (a bit long)
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 59) [25911] suggestions for a single lever paddle
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 60) [25912] FOX W5TFB report
by Jack Bryant <Jack.Bryant@math.tamu.edu>
- 61) [25913] NEW CALL
by Brad Bradfield <b_bradfield@yahoo.com>
- 62) [25914] Folded Dipole
by "Greg Breeden" <al0a@hotmail.com>
- 63) [25915] Re: ARRL and QRP Awards
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 64) [25916] Re: FS:TenTec Scout 555 - Reduced
by Jerry Haigwood <w5jh@swlink.net>
- 65) [25917] The Soldering Iron of Justice
by Jim Knopf <ki7q@yahoo.com>
- 66) [25918] Deconstructing an ART-13 & other follies
by nilsbull@juno.com (Nils R Young)
- 67) [25919] manual for H.P. 400H AC voltmeter?

- by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 68) [25920] Re: novice bands
by frank lauri <qrp@yahoo.com>
- 69) [25921] AL7FS in Somerset NJ
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 70) [25922] Re: Code Warrior
by wa8rxi@juno.com
- 71) [25923] Re: Deconstructing an ART-13 & other follies
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 72) [25924] Help Requested, 624 Kits Gary Breed 30M Rig
by SMurph555@aol.com
- 73) [25925] Zombie & Fox QSLs, Zulu Date
by "Marshall Emm" <mgemm@technologies.com>
- 74) [25926] Re: AL7FS in Somerset NJ
by "George Heron" <gheron@idt.net>
- 75) [25927] 2N2/40 Update #7
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 76) [25928] Re: Code Warrior
by Tom Palmer <n1tp@worldnet.att.net>
- 77) [25929] Re: Folded Dipole
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 78) [25930] Re: FOX - Reminder
by Tom Palmer <n1tp@worldnet.att.net>
- 79) [25931] Re: ARRL Membership & 1995 Handbook NN1G Transceiver
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 80) [25932] Enclosures and Communs. Pack
by "rohre" <rohre@arlut.utexas.edu>
- 81) [25933] Thanksgiving
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

Date: Tue, 24 Nov 1998 17:59:59 -0600
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [25853] Re: Where do I find a fishing pole?
Message-ID: <19981124235948.ENK024314@burnley-ppp.phibred.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those of you looking for a SD-20 fishing pole you may find them at:

National Sports

Dan at National Sports told me the following (National

Sports is who South Bend referred me to):

Email: natlspts@execpc.com

phone: 1-877-ICE-FISH (supposed to be toll free)

Price: \$21.99 plus about \$4.00 for shipping (to Iowa maybe more to your location). For multiple poles, the shipping will vary.

72/73, John NU0V

Date: Tue, 24 Nov 1998 16:31:21 -0800 (PST)
From: Mike Parkes <ab7ru@yahoo.com>
To: QRP List QRP <qrp-l@Lehigh.EDU>
Subject: [25854] Thanks to all RE: Circuit Software question
Message-ID: <19981125003121.18320.rocketmail@send101.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I didn't get to thank everyone individually but THANKS to all who responded to my question regarding circuit analysis software. I found a lot of products out there that do the job. Am using ELEC WORKBENCH on my mac at this point and it seems to do good job.

Again, thanks group for your advice!
-Mike AB7RU

==
Michael Parkes AB7RU

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 24 Nov 1998 19:33:59 EST
From: N5JI@aol.com
To: qrp-l@lehigh.edu
Subject: [25855] For Sale
Message-ID: <e1ab5dc8.365b5077@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

My best qrp buddy Dave AA2PF of the Buffalo QRP Connection has the following for sale.

HTX-100 10 meter CW/SSB with mic and mobile mount, sorry no manual, for \$100 + shipping.

Dave can be reached at 716-826-7740 or daj73s@aol.com

Happy holidays and good fox hunting.

dick n5ji murphy tx. qrp-l # 1054

Date: Tue, 24 Nov 1998 18:42:46 -0600
From: "K10J" <k10j@swbell.net>
To: <brad.mugleston@gwl.com>, "'qrp-l'" <qrp-l@lehigh.edu>, "'cw'" <cw@qth.net>
Subject: [25856] Re: [CW] New Call
Message-ID: <001201be180c\$862999a0\$580cc1cf@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Brad....

Well congrats on the new call....I don't think that's too many dahs.....as long as your dah thing doesn't break...

OJ---K10J

..

Date: Tue, 24 Nov 1998 19:55:31 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>
Cc: QRP-L <QRP-L@lehigh.edu>
Subject: [25857] AA4XX 5mW Beacon Summary
Message-ID: <365B5582.1A2DFE5A@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Gang,

I was surprised that so many folks copied the 5mW beacon from North Carolina this past Sunday. A number of others tried, but were not successful. Reports from both groups were useful and much appreciated, as they provide an idea of what levels of RF can be sustained over specific paths on 80M.

Below is a list of all stations who filed reports, along with some of their comments. One of the most interesting aspects of running a beacon is receiving feedback from the listeners. As you can see, our fellow QRP'ers embrace the opportunity for this kind of challenge with mucho gusto.

Some listeners are asking for lower power levels, in the 1mW category. We'll announce a sked for this 80M series of QRPP beacons within the next few days...

One thing is for sure; If you haven't operated 80M since this past Summer, you will notice much better conditions now. The band has quietened considerably, and the ionosphere awaits the chance to bounce your 80M RF both near and far.

Here's the 5mW Beacon report:

Stations who copied Codeword "SWIM"

W4SEA	Rick	549	2106Z	High Point,	NC	IC-765, G5RV @ 70'
K1QM	Joel	119	2220	Concord,	MA	QRP+, G5RV
WB4LZQ	Kim	229	2240	Piedmont,	SC	Racal RA 6790/GM
WB50AU/4	John	559	2305	Clayton,	NC	Drake R4B
N3BJ/4	Alan	559	2320	Bent Mtn,	VA	TS830S, 20M Dipole!
WF4I	Derek	329	0056	Greensboro,	NC	Sierra, LW
WA4NID	Dave	559	0126	Durham,	NC	80M Dipole
K1CL	Chuck	329	0035	Chelmsford,	MA	FT840, G5RV @ 30'

WB4IIZ	Dave	569	0030	Newport News,	VA	TS990
K4JPN	Steve	229	0027	Waner Robins,	GA	HW101
WB4JJJ	Al	339	0116	Fairfax,	VA	Argo 556, Car Windom
N3AAZ	John	339	0130	Centreville,	MD	Sierra, G5RV
W4WDN	Lyn	229	0036	Willow Springs,	NC	Inv Vee @ 70'
KA3WMJ	Ken	339	0000	Erwinna,	PA	Argo 556, G5RV @ 30'

Stations copying bits and pieces:

K8IQY	Jim	209	0030	Fenton,	MI	FT990, 185' LW @ 35'
K7SZ	Rich	219	0100	Wilkes-Barre,	PA	Sierra, 40M EDZ @ 45'

Stations reporting no trace of beacon:

W1TLZ/4	Norm			Cocoa,	FL	
VE3ELA	Ken			Midland,	ON	

It looks like the 5mW's of RF ran out of steam by the time it got to Florida and Ontario, which are roughly equidistant from North Carolina. VE3ELA did copy the beacon at the previous 20mW level...

Here are some of the comments received from these stations:

Paul,

Last night, with the 25mW beacon, the S-meter on the 765 stayed around S9 to +10, but with some occassional excursions to 20 over! I thought all that was pretty impressive, actually, not necessarily totally unexpected, but still impressive. (This stuff always impresses me.) I listened a good part of the time it was on as I was doing other things here in the shack, and noted there was some infrequent QSB, with slow but-not-very-deep fading. I never lost the signal completely during these fades and the only time I couldn't hear the beacon was because of some occassional QRM on top of it.

Tonight the 5mW beacon is a little different. The most amazing part is I've seen the S-meter hit S9 several times! Now I know all this is relative but at least the comparisons from an equipment standpoint are the same. QSB is not the same, however. Most of the time the signal is quite strong but about every 5 minutes or so it takes a deep, quick fade, sometimes beyond audibility. In fact, just now at 2306Z it went away for about 30 seconds or so, the longest so far. In fact, the fades are now coming at about every minute (2313Z). Just 20 minutes ago, in listening to your signal, you would swear I was your next door neighbor.

I did try the R9000/500Hz and NIR-12 combo but the IC765/500Hz filter plus my original W9GR DSP-1 had a skosh better S/N ratio. I was surprised, as the 9000 has always been either equal to or slightly

better than the 765. I suppose this is due to the cascaded filters in the 765 being a little tighter than those in the 9000, a necessary item due to its wide frequency and mode capability (I'm speculating, of course.)

It's now 2330 and the signal reception characteristics haven't changed. We'll see how the rest of the evening turns out. You mentioned some uW attempts - you betcha! Let me know and we'll give it a go.

Rick, W4SEA High Point, NC

Hi Paul,

Listening to your beacon up here in MA. At least, trying to, that is. Most of the time it was recognizable, but not at a level that could be copied. Occasionally, the signal would 'pop' up to around a 329 or even 439 for a few seconds.

Anyway, here is what I got, probably with a few omissions:

VVV VVV VVV 5MW BEACON SWIM SWIM SWIM DE AA4XX/B QSL DIRECT OR VIA EMAIL

Receiver is a Yaesu FT-840 and antenna is G5RV @ 30ft.

Let's see -- even if I missed parts or got most wrong -- by my calculations that is about 80,000 miles per watt! On 80M!

72 DE K1CL,
Chuck Chelmsford, MA

Glad to help with beacon reporting. I gave a listen tonight at the following times here is the report.

2230Z 22 Nov 98 No signal heard.

0027Z to 0035 23 Nov 98 Could just make out your call and the code word SWIM. Signal about RST 229 on a HW-101 with a 400 HZ filter and a Autek QF1A. Using a FET preamp did not make any difference on 80 M and I didn't expect it to, just to noisy. I do have digital readout for both my HW-101 and my HW-8 so it was easy to get on frequency. I don't think I could have found you tonight without being right on frequency. I could not copy the signal tonight with the HW-8, I guess the signal being 6 db down from the night before was just to much for the HW-8. I appreciate you putting on the beacon.

72,

Steve Ray K4JPN Warner Robins, GA ex K1VKW HW-101, HW-8,

SWL 30-40, Pixie II, NC 38S, OHR 100A 30 M and Heath Kit fan

Hi Paul:

Well I listened for 2 hours....heard your signals several times and copied your call /B and QRP and "MW" but no code word. You were right down in the noise. Wish I had some DSP software working on the computer to assist me with copying your beacon.

I did hear your 5 MW but cannot confirm the code word.

Rig: Sierra

Ant: Extended Double Zepp for 40 meters up 45 ft.

73 Rich K7SZ Wilkes-Barre, PA

Hi Paul.....

Well I could hear it here in Fenton, MI, 45 miles NW of Detroit, but could not copy all of the text info being sent. Too far down in the noise, even with the DSP cranked down tight. I could get a word every now and then. The signal peaked about 7:30 EST. Receiver was a FT990 and the antenna was my 185 foot long wire which is up at 35 feet. I'd say the signal was about a 209.

Amazing what 5 mw will do isn't it.

72.....Jim, K8IQY Fenton, MI

Heard your beacon Sunday 22Nov98 at 2030EST (23nov98 0130Z).

Took about six passes to complete all fills...

""vvv vvv 5mw beacon swim swim swim swim de aa4xx/b qsl direct or via email to aa4xx at amsat.org""

Sierra with 102 foot G5RV up 30 feet looking NE/SW
on the Eastern Shore of MD
FM19xb, 39.03N / 76.03W,
30 mi E of Annapolis and Chesapeake Bay Bridge...

John N3AAZ

Hi Paul!

No joy here tonight, tried at these times (UTC), nothing heard:

2205
2245
2330
0030
0130-0200

Band was less busy tonight. I'm surprised I didn't even detect a whisper from the beacon. Last night I'm sure I could have copied it at 10 mW with no problem, especially later on, during the last two hours. Don't know if band conditions tonight are better or worse? At this distance maybe I'd have a better chance to hear your 5 mW later on in the evening?

Anyway, thanks for the interesting experiment Paul. Hope you had fun as I did, and will look forward to seeing your results from tonight.

72, de Ken VE3ELA Midland, ON.

I did not hear your 20mn signal test on 3557kc at 0330Z. RX here was TEN-TEC Argosy, MFJ tuner, Timewave, 40M inverted V located at Cocoa FL., EL-98. The band was quiet here. Looking forward to your next test.

Also the 5mw signal was not heard at 1950Z, 22nd Nov

73, Norm Wilford, W1TLZ/4 Cocoa, FL

HI I HEARD THE 5MW BEACON HERE IN NEWPORT NEWS VA. ON A 990, WITH A INVERTED V AT 55 FEET THE SIG IS IN THE NOISE AT S-6,,, I CPY THE FOUR LETTER AS "SWIM".....73 WB4IIZ, DAVE...

Copied your beacon again tonight (November 22) at 8:16 PM here in Fairfax, VA near Washington, D.C. (0116 UT on November 23, 1998, just to make it official). Used my Argo 556 (it was still set to the frequency which varied tonite a bit from last nite) and with a JPS NIR-12 Dual DSP Filter. Copied you at 3.5571 mhz. and your signal was about a 339 with

considerable QSB.

Copied VVV VVV 5 MW BEACON SWIM SWIM SWIM SWIM (a bit repetitive here)
AA4XX, etc. Antenna was Carolina Windom (I did not give you that last
time). Good antenna, that. Are we going for lower power tomorrow?

73, Al, WB4JJJ Fairfax, VA

Again, thanks to everyone who listened for the beacons this past
weekend. Till next time, Happy Thanksgiving es 72 de Paul AA4XX

Date: Tue, 24 Nov 1998 20:01:03
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [25858] More 11-2-10 project notes
Message-ID: <3.0.3.16.19981124200103.218f92e6@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy,

I'm sorry to keep posting these notes to the list in general, but it is the
best way to ensure all the builders see them, as I don't have email
addresses for all of them.

Tuning the VCO coil seems to be the big problem the few I've heard back
from are having. Earlier, I recommended tuning the VCO slug down into the
coil. This does not work. It does for receiving, but not for transmitting,
so you will have to move the slug up in the form.

If at all possible, use a plastic tool to adjust the core, this will help
ensure you don't brake the slot. Moving the slug down a little than working
it back up may help. Just try to remove as much glue a possible and don't
force it if it woun't go all the way up. (I sure wish they had used wax to
secure the core like they used to)

If the slot does brake, you should still be able to make it move down into
the coil. Turn it down as far as it will go and replace with a similer slug
that hopefully you can find in your junk box. The bottom of the coil is not
open, so you can't get it out that way without risking braking the coil.

Once the slug is free and you can tune it, another way to adjust it is to
look at the VCO control voltage. This can be found on pin 15 of the sip
pins. This is the pin that connects to the drain of the fet. BTW, the

diagrams aren't clear on how the pins are numbered. Since the solder side of the board is the side we see when it's plugged into the CB, I called the upper left hand corner pin as 1. Pins 1 to 12 run down the left hand side of the cpu socket and 13 to 28 run up the right hand side.

When tuned to 29.00 MHz, (display 00), tune the slug so there is about 3.5 to 4.0 volts on the VCO control line. It will be about 5.0 to 5.8 volts when tuned to 26.30 Mhz. Durring transmit, the control voltage will be about 0.7 to 1.00 volts for 29.00 and 1.2 to 1.6 volts for 29.30. The actual voltage isn't too critical, as long as it doesn't drop below 0.4 volts at 29.00 durring Tx.

The tuning of the Tx bandpass filters is a lot more touchy than I explained in the instructions. You woun't see any power out untill the adjustment is real close to being right.

Hope these notes help.

Anyone have thier rig fully up and running yet?

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 24 Nov 1998 17:07:49 -0800
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [25859] Stuff FS
Message-ID: <3.0.1.32.19981124170749.00686568@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Have the following available:

1) 38 Special...completed board with most controls/connectors wired, but no enclosure. Has 5-watt mod installed. Have never been able to get the 2nd NE-602 oscillator to run...everything installed on board correctly and wired very professionally, have even swapped 602's...it just won't oscillate! Maybe someone else will have more luck. Price includes all pertinent modification documentation that I've downloaded. \$30 post-paid CONUS.

2) NorCal paddle...kit is fully assembled, but all components are in

original condition (no paint/stains/etc) except plastic paddle material, which has been cut to an appropriate shape. \$30 post-paid CONUS.

3) NN1G "72" 20-meter transceiver from QRP Quarterly, January 1993. Covers 14.015 to 14.070MHz with 1.5W output. Built into 5"x8" Bud chassis with plenty of room for additions (keyer/antenna tuner/etc). Front panel (one 5" edge of chassis) has volume control/on-off switch, 3.5mm headphone jack and tuning knob. Rear panel has RCA jacks for 12-volts and key and BNC connector for antenna. Will include home-brew dummy load with male-BNC/female RCA adapter. Includes original assembly documentation. \$60 post-paid CONUS.

Thanks and 73,

Jack, W7PW

Date: Tue, 24 Nov 1998 20:17:45 EST
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [25860] W6MMA/SLV
Message-ID: <19981124.173226.6831.3.ka7you@juno.com>

I have recently finished the ribbon wire radials for my W6MMA version of the St. Louis Vertical. I originally used it with just the coil and a tuner, and a single ground wire to an earth ground.

Now I'm trying to use it with just the four ribbon wire radials, and no tuner. Since the total height (length of radiator) with the coil set at minimum inductance, is about 20 feet, how does one expect the thing to work without a tuner at 30M or above? Or do I need to put a variable cap in line now, to tune out the extra inductance? I might as well just go back to a tuner...now where is that ZM-2 kit that I've never built?

It tunes very well on 80M and 40M using the sliding tap on the coil. In fact, mine tunes down to 2.4 MHz according to the MFJ analyzer. I may add another small clip on coil, and try for 160M.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 24 Nov 1998 18:31:25 -0800
From: "Jim Sharp" <lobar@doitnow.com>
To: "QRP group" <qrp-l@Lehigh.EDU>
Subject: [25861] SS QRP
Message-ID: <003501be181b\$b3ae97e0\$8a7e3cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings all !

Had a couple of hours Sunday to play radio. I am always amazed at what 5 watts can do under good conditions. Only had time for 22 sections but "GEE" Western New York, Alberta, Southern Florida, Alaska, Puerto Rico, the Pacific and more !

I'm impressed!

The "BIG GUNS" were polite too, several had to really dig, but made the effort.

Not a contest for me, but I'm sending in my log for the record.

Ant: 200 foot loop fed with 70 feet of ladder line
Tuner: AT11 kit (built of course)
Rig: Kenwood TS140
Power Meter: PACE 5403A

Jim S -- KC7GHP -- Peoria, Arizona QRP-L #1472

Date: Tue, 24 Nov 1998 20:25:34 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [25862] FOX: N/T+
Message-ID: <365B5C8E.EA24A142@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff, KF4JSV, in Manassas, Va. is N/T+ FOX up on 7.122.30 with 559

signal into Florida. His signal is much better than his last outing and he is being called by many hounds. Why not give him a shout? Tom, N1TP, Naples.

Date: Tue, 24 Nov 1998 20:42:04 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [25863] Re: IC-735 Problem
Message-ID: <365B606C.E08D8878@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi:

If you find the problem to be in the VCO:

Locate C52 and C59 in the PLL (HPL) shielded box.. If you turn the Rig up-side down with the front towards you, you will find four little holes on the box cover. C59 is the left-most cap and to its right is C52.

Set the rig to 21.9999Mhz in AM RX

Measure voltage across R108 and adjust C52 to read 6.5vdc

Next set the rig to 30.0000Mhz (RX , AM)and do the same with C59.

These trim caps get moisture and dirt somehow, so is best if you turn the rotors c.180 degrees to use the "other side" of the plates.

If this works but intermitently or only for a short while, then be prepared to open the box and change the stupid trimmers; (not fun).

Good Luck

72

Hugo

CX9AAK/W2

W. K. Hibbert wrote:

> My IC-735 is displaying a problem. After it had been on for a couple of
> hours, all the signals above 15 MHz sound like I am hearing them via
> auroral propagation, a watery, whispery charecteristic.
>

> I suspect that the VCO, or one of the VCO's is breaking down, no make
> that a component in the VCO is breaking down. I ahven't had a chance to
> open up the rig, but plan on heating up the VCO with a hair dryer and

> using component cooler to isolate the questionable part(s)

...SNIP...

Date: Tue, 24 Nov 1998 17:53:17 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: elecraft@qth.net
Subject: [25864] BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <v03102800b28102402319@[206.169.228.85]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi folks,

Regarding the BNC vs. S0239 issue:

I plead guilty. As you can tell from the above list, I have been trying personally to popularize the BNC connector for QRP rigs since 1993 when I designed NorCal's first QRP kit. I've used them on all of the kits since, and I have noticed a few other designers following suit (thanks!). In fact I'd be curious to see a full list of all the QRP rigs in the world that use BNCs besides my own list, above.

Justification? When I first started designing QRP gear in 1990, I had two goals: (1) small; (2) all PCB-mount, with no wires. As far as I know there is still no PCB-mount S0239, nor should there be since this connector is ideally suited to higher power applications and larger gear where space isn't an issue.

So when NorCal's genesis gave me the opportunity to choose a future standard, I grabbed it. I'm sure others used BNCs before this (esp. for handhelds, e.g. Mizuho). Since so many 40A's, Sierras, and SSTs have been sold, I suppose you could say it has become at least **one** QRP standard.

As for the K2, the needs are still the same: there is a limited amount of PCB real-estate, and I still dislike wires as much as ever, so there you have it. The 100W amp will use S0239s, but the basic K2 and its tuner are continuing in the NorCal/Wilderness and now Elecraft tradition.

By the way, I also really like BNCs personally. You can swap rigs in a couple of seconds with BNCs, while S0239's take a while to screw on and off, and there's always that funny feeling at the end of putting one on: did those teeth in the fixed part of the male connector **actually** mate with the female, or not? :)

Disadvantage of BNCs is that it's a little harder to fabricate your own cables. But this hasn't stopped anyone yet, that I can see.

So while I think Conrad's got an interesting idea--the summit meeting--it may not be necessary. Fortunately it isn't VHS vs. Betamax, and we'll be offering an adapter kit for those whose shacks are all S0239.

Thanks for all the suggestions!

73,
Wayne

Date: Tue, 24 Nov 1998 19:00:41 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.edu
Subject: [25865] 98 SS CW Pins
Message-ID: <199811250200.TAA08574@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got mine today...speedy :-) When the SSB pin arrives, that will make 3 sets...
CW&SSB...all QRP.
73 Floyd NQ7X Phoenix ScQRPion

Date: Tue, 24 Nov 1998 19:18:12 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <jpoulin@erols.com>
Cc: <QRP-L@lehigh.edu>
Subject: [25866] Re: N/T+ fox for Tuesday
Message-ID: <008301be181a\$26c036a0\$80a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great job Jeff! ...ur signal at the end really came up! I should have waited longer to try and catch you. Many stations calling u at ur first "CQ FOX" ...then it slowed down a little. Glad I stuck it out and had the chance to work you! Fun stuff this fox hunting!

You've got a solid fist with good rythm! Stay with it and you'll be
Foxing down on the lower 40 before you know it! Good luck!

TU & 72Steve/n0tu Monument,CO
<http://www.webaccess.net/~s&p/HRindex>.

Date: Tue, 24 Nov 1998 19:27:45 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [25867] Fox in the bag
Message-ID: <199811250226.TAA25221@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gotcha, Jack-- good sigs into CO-- was running 3W to the dipole so it
looks like you will do well if condx hold up.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 24 Nov 1998 18:47:22 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: ac5ez@webtv.net
Cc: qrp-1@Lehigh.EDU
Subject: [25868] Re: [25824] novice bands
Message-ID: <199811250247.SAA01176@netcom4.netcom.com>

So, make comments to the FCC requesting the continuation of a
power-limited section of popular bands. I suggested this a long time
back, and all I got was discouragement.

73, doug

Date: Tue, 24 Nov 1998 11:03:57 -0600 (CST)
From: ac5ez@webtv.net (Larry B)

Spending time in the novice bands may be a thing of the past after the fcc and arrl get through adjusting the novice bands right out of existence as far as cw goes. Next year may be the last year for cw in the novice bands.
K1ZW

Date: Tue, 24 Nov 1998 18:46:55 -0800
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [25869] Re: Stuff FS
Message-ID: <3.0.1.32.19981124184655.00686510@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NorCal paddle is sold...the 38 Special and the NN1G "72" remain FS.

Thanks,

Jack, W7PW

Date: Tue, 24 Nov 1998 21:52:10 -0500
From: Richard Powell <wb6jbm@mpna.com>
To: qrp-1@Lehigh.EDU
Subject: [25870] First Fox !!!!
Message-ID: <1.5.4.32.19981125025210.0071c5f4@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Happy Happy Joy Joy,, Happy Happy Joy!!!

First Fox in the Bag!

Just kept loosing ya Jack, every time you qsy'd!!! phew!!!

73

/rick

wb6jbm - member SWORDS

-
Richard Powell WB6JBM TENTEN - 13044
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: Wed, 25 Nov 1998 03:04:52 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@lehigh.edu
Subject: [25871] A strange K8FF Paddle proposal
Message-ID: <365b7014.3079099@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

OK, I've finally admitted to myself that I have absolutely no "shop" =
skills

...

I do have two unfinished K8FF norcal paddles. I've sanded the bases =
until
they are lustrous! But I used a Dremel tool to sand them. In any event,=
my
plan was to use three coats of sandable automotive primer (using 400, =
600, and
800 grit paper), and four coats of automotive glossy paint (using 800, =
1000,
1500, and 2000 grit sandpaper) then coat with a clearcoat. I got a black
laquer finish and an automotive gunmetal finish. Polish the brass, trim =
and
polish the fingerpieces, and voila!

Well, that was the plan. But, I have no skills, nor a place to paint. I=
have
matched and filed the bearings to the paddle arms.

My proposal is this:

I'll swap BOTH paddles for a commercially manufactured iambic paddle =
(more
than a Bencher or MFJ Bencher clone, and I don't care for the "micro"
paddles). OR if you'll finish one paddle for me, per the instructions =
above,

you can keep the other one.

Anybody interested?

--

72 es 73 de Marty, KM7W

Memphis, Tennessee

<http://home.earthlink.net/~mwattcpa>

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Tue, 24 Nov 1998 20:15:23 -0700

From: "David Ek" <ekdave@earthlink.net>

To: <qrp-l@lehigh.edu>

Subject: [25872] FOX: N/T+ Great Response!

Message-ID: <000301be1821\$d7e2b960\$70ac85ce@davidek>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,

Heard LOTS of folks trying to work Jeff, KF4JSV, tonight on 7.122. Way to go, gang! You can just hear these N/T+ folks getting faster and more confident during these sessions. Let's keep up the activity for these people! And good job tonight, Jeff!

72 de Dave AB0G0

Date: Tue, 24 Nov 1998 19:36:19 -0800

From: radman <radman@best.com>

To: qrp-l@Lehigh.EDU

Cc: kd1jv@moose.ncia.net

Subject: [25873] 11-2-10 mania, beacons & RS units...

Message-ID: <365B7198.5DA9@best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve and the gang,

I'm on travel, but I'll try listening for the Weber 10AM Beacon tomorrow... I packed the Yupi wide-band RX... might be able to hear it if the QRP gods are willing. Sounds like 10M is heating up. Steve, I hope there's enough profit from the 11-2-10 project to fund "Melt Solder" 10M Beacon QSL cards... ;)

If folks are still attempting to locate RS units for conversion.... here's a few leads from a sales guy at RS: In the state of CT: RS Branford, CT 203-481-2680 \$29.97 -- 2 units
Also, New Haven -1 unit, Norwich - 1 unit, Guilford - 1 unit, Waterbury - 1 unit, Windsor - 2 maybe (The RS catalog number is #21-1701) Sorry I don't have phone numbers for the other RS stores.

RE: beacons... I'll be establishing a SF Bay Beacon, and I've heard from one ham in Minnesota who wants to set up a 10AM beacon. It would be great to have a Texas/Gulf Coast beacon for the southern US. Perhaps a "US geo-centric beacon" for the mid-west... I beleive that's Columbia, MO if memeory serves (?)

Then, Hawaii, Alaska and naturally our good Canadian friends. Ya know from 6-Land... Australia and NZ is a walk in the park when the band is open. Any Aussies on this project?

Keep up the good work men/women... I'll join you soon,

vry 72, Conrad - NN6CW

Date: Tue, 24 Nov 1998 22:21:03 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:mgemm@mtechnologies.com" <mgemm@mtechnologies.com>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Subject: [25874] Fox in the bag
Message-ID: <199811242224_MC2-6162-938F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Marshall:

Good show, OB! Congrats on another successful hunt. I also bagged him, using only the Wilderness Sierra at 1.9 watts to an Inverted WYE suspended with the KANGA 33' collapsible mast. Had planned to use more power, but Jack was 599+ for the first 40 minutes or so. So since I was running off batteries....decided to save on re-charging time with the tiny rig.

Also got Jeff KF4SJV the N/T+ guy about 50 minutes earlier. Used an OHR-100a at 5 watts to the WYE for that QSO.

Good luck for future hunts.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 24 Nov 1998 22:20:59 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: Jack Bryant <Jack.Bryant@math.tamu.edu>
Cc: QRP-L Discussion Group <QRP-L@LEHIGH.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [25875] Thanks for FOX pelt :-)
Message-ID: <199811242224_MC2-6162-938E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Jack:

Wow did you ever have an overwhelming signal.....but when you bagged Jeff KF4SJV the N/T+ guy and especially as the FOX. Guess I gotta check out your type of antenna for my QTH :-).

You were a true 599+ during our QSO. So strong that I fired up the Wilderness Sierra at 1.9 watts out. Antenna was the usual Inverted WYE held up by the 33' collapsible mast from Germany. Used two counterpoise wires simply laying on the ground.

Anyway thanks for another pelt. Sounds like you were really clipping

along. Hope you got scads of hunters. Will be interesting to see your log.

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Tue, 24 Nov 1998 19:28:05 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [25876] Cable question
Message-ID: <365B7945.8C8E7DC7@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a bunch of RG 213/U that was on a roll, out of the sun, for about 20 years. Is it likely that it will have deteriorated under these conditions?

Vic, K2VCO
Fresno CA

Date: Tue, 24 Nov 1998 20:42:16 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-1@lehigh.edu
Subject: [25877] fox
Message-ID: <199811250330.UAA25944@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow, what a wild ride! After listening for most of two hours, I chased Jack from 7.035 up to 7.037, up and down, answering him all the way, and finally hit the right combination at 0331Z. Lots of QSB and QRM/N, but caught him with a real strong sig. Now he's calling CQ with few takers, so go get him.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 24 Nov 1998 22:37:03 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: ekdave@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25878] Re: FOX: N/T+ Great Response!
Message-ID: <365B7B5F.B8F92E74@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, it's clear that Jeff's new found confidence is showing! It's readily apparent that his operating skills are improving hunt by hunt. Good going, Jeff. Tom, N1TP.

David Ek wrote:

> Gang,
>
> Heard LOTS of folks trying to work Jeff, KF4JSV, tonight on 7.122. Way to
> go, gang! You can just hear these N/T+ folks getting faster and more
> confident during these sessions. Let's keep up the activity for these
> people! And good job tonight, Jeff!
>
> 72 de Dave AB0GO

Date: Tue, 24 Nov 1998 23:01:18 EST
From: Baranger1@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25879] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <6492e98.365b810e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Long live the BNC!!!!!!!!!!!!!!
It is a great connector and perfect for QRP!
But then again I am a Mizuho nut and a little biased.
73 Bill W9WCR

Date: Tue, 24 Nov 1998 23:02:44 EST
From: Shepherd@aol.com
To: 70511.3041@compuserve.com, doyley@UH2297P01.DAYTONOH.ncr.com,
richard_d._powell@belcan.com, qrp-1@lehigh.edu
Subject: [25880] FOX: Just shooting blanks.
Message-ID: <e1ac750b.365b8164@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Good job guys.

I'm peltless here tonight. But on the bright side, I did bag Henry, CM2WS in Habana, Cuba at 5 watts. What's that worth Doc? :-)

Good luck in the next hunt, BTW it's a trukey shoot. :-)

72, 73
Dan, N8IE

Date: Wed, 25 Nov 1998 04:05:28 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: hamjoel@juno.com, qrp-1@Lehigh.EDU
Subject: [25881] Re: elevated antenna cite
Message-ID: <199811250404.XAA22579@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Joel -

An elevated vertical is a real performer. I used one when I lived in the UK, and won the Bermuda contest from over there as a result. I mounted a Hygain 18AVQ on top of a 30' tower above my tribander and ran about 15 radials down thru the tribander (I did not need to rotate it for that contest) Using that antenna on 80, I consistently beat out another UK station who was running a full size delta loop with the peak at 100' into the US and VP9.... I know it works...

have fun!

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 24 Nov 1998 21:33:54 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [25882] Re: Elmer 101 Sw-40+ sidetone
Message-ID: <012701be1829\$5a6be9e0\$a10a5e2c@groucho>

Thanks much for the help this evening. I confirmed that changing C29 was the right fix. Using the TenTec I turned the drive way down and transmitted into a dummy load. Tuned this signal in on the SW40+ and measured the audio freq. at the audio peak. It's about 850hz. I little higher then I like, but I'm not going after it, so C18 gets left alone. The sidetone now also matches that tone almost perfectly. Rigs putting out a nice 1.8 watts. Will probably do the mods to increase that later. Now I'm packing up for the trip.

73, thanks again and Happy Holiday
de Cla KA0GKC

Date: Tue, 24 Nov 1998 23:28:13 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ekdave@earthlink.net" <ekdave@earthlink.net>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Subject: [25883] FOX: N/T+ Great Response!
Message-ID: <199811242330_MC2-616C-A5DF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Dave:

Thanks for you and everyone who took time to work Jess the N/T+ FOX tonight. I was proud of his hunt, and indeed he was doing well. He has a good fist and will definitely improve over the course of the season.

Wow--it was a real gas to hear a *pileup* on him at the start :-).

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 24 Nov 1998 23:33:42 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: <guardian@mvtel.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Fonya Hall" <wa4hhp@amsat.org>
Subject: [25884] Re: htx 202
Message-ID: <009501be182c\$c98f6c40\$2eabbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Chris,

Thanks for the update on the HTX-202, picked one up today at the local RS.

Appreciate the alert.

73/73, Gene wa4hhp@amsat.org

-----Original Message-----
From: chris <guardian@mvtel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, November 23, 1998 6:39 PM
Subject: htx 202

>Group
> The HTX-202 showed up in the RS add I got in the mail today. I called
>my local RS dealer he had sold out and was going to call around to see if
>he
>could find one for me. IMHO I would not mess around, if you find one GET
>IT they will not wait around for the price to drop, the 202 has a pretty
>good reputation so they will sell quickly and make room for it's new
>replacement.
>chris kb5vyb

>
>

Date: 24 Nov 1998 21:35:06 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [25885] ARRL and QRP Awards
Message-ID: <199811250434.XAA259432@nss4.cc.Lehigh.EDU>

Just thought I would pass along something from the ARRL WAS application.

"QRP is defined as 10 watts input (or 5 watts output) of the applicant only and is affirmed by signature of the applicant on the application."

This is right off of the web page. Apparently the ARRL does not require QRP to be on the cards for this award. Not sure about others. As an ARRL awards manager I have only done one QRP WAS award in several years and I did not check to see that the applicants call had /QRP on the cards because of the way the application is written. If I have done it incorrectly I sure would like to know about it.

Everybody have a good Turkey day.

73, Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539 -- ARS #64
www.qsl.net/k0su

Date: Tue, 24 Nov 1998 23:46:09 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Shephed@aol.com" <Shephed@aol.com>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Subject: [25886] FOX: Just shooting blanks.
Message-ID: <199811242348_MC2-6161-4A64@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Dan:

Wow!--that is a FB contact. Don't know what it is worth...but sure wish I had found him, also. Oh well. Jack was absolutely BANGING in here tonight. He was probably 589 when I heard him snag Jeff the N/T+ FOX. I thought, there is hope--and sure enough he was 599+ during our FOX QSO.

Jack was so loud that I used the Wilderness Sierra at 1.9 watts. Antenna was my standard Inverted WYE (I am still living in rented quarters) supported by the 33' collapsible mast from Germany. Battery power, of course :-). Come to think about it--wish I had tried the 49er. Hmmm.

Good luck for the future hunts. Be sure to look for me on 12/24/98 and again next February.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Wed, 25 Nov 1998 00:27:35 EST
From: DENNISMO@aol.com
To: qrp-1@Lehigh.EDU
Subject: [25887] No Fox, but.....
Message-ID: <993a4fa9.365b9547@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All -

Still no fox heard here in Goleta, CA. But I had a short QSO with W4JFR in Pinehurst, NC on 2.2 watts (1036 Miles per watt). Not even close to a QRP record but a PB (personal best) for me.

God Bless all,

72 de Denny AD6EZ<><

Date: Wed, 25 Nov 1998 00:52:51 -0500
From: Dennis Brickey <n4dd@preferred.com>

To: qrp-1@lehigh.edu
Subject: [25888] FS: TIMEWAVE DSP-9
Message-ID: <1.5.4.32.19981125055251.00694b60@preferred.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have Timewave DSP-9 in excellent condition with manual that I will ship in
conus for \$80. Unit works well with Qrp rigs. I sold my rig so I don't need
a filter. Thanks for your time es 73 de Dennis/N4DD

Date: Wed, 25 Nov 1998 02:34:00 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-1@lehigh.edu
Subject: [25889] Code Warrior
Message-ID: <19981124.232759.8039.4.we6w@juno.com>

If anyone needs practice with cypher groups in CW,
there is a unknown station with RST 539 on 7042.5
right now at 0729Z.

trdag mwmin rmidm nmriw
diumd rtrua adwww amgmi
umdwg twtga guird tgwmg
ningn tmmtdt ungwi .awrt ..dug iumum

I don't make a habit of posting these messages
and appologize for seemingly non-qrp topic.

But it is good practice. It is QRS at 15 wpm.
-Ed
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 24 Nov 1998 23:48:59 -0800
From: Stan Goldstein <stan@cruzio.com>
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [25890] Re: Cable question

Message-ID: <365BB66B.F1927BDD@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Easy to measure.

Use a 440 HT if you have one , if not use the highest freq you can generate, and measure the output at the ant jack into a dummy load , then run the power thru the coax and measure again.

Compare your loss to the spec , which is given as db/per hundred feet.

Stan , N6XU

Vic Rosenthal wrote:

>
> I have a bunch of RG 213/U that was on a roll, out of the sun, for about 20
> years. Is it likely that it will have deteriorated under these conditions?
>
> Vic, K2VCO
> Fresno CA

Date: Wed, 25 Nov 1998 00:52:45 -0900
From: Bruce Hopkins - KL7H <kl7jaf@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [25891] Callsign Change...
Message-ID: <3.0.6.32.19981125005245.0079cdb0@eagle.ptialaska.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Just a short note to let you know of my callsign change... I have proudly worn KL7JAF for the last 22 years but just had to take a shot at the last available single letter KL7 call when it came up... Doesn't hurt that it's my initial... E-mail address will remain the same until I can get it changed to KL7H@eagle.ptialaska.net...

Take care and have fun... Looked for the 10M AM voice beacon today but no soap... Will try again tomorrow if band conditions permit...

72 - Bruce - KL7H

Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopkins/akqrp>

Date: Wed, 25 Nov 1998 05:30:01 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: we6w@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25892] Re: Code Warrior
Message-ID: <365BDC29.8CFC9170@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Isn't there a rule that it's illegal to send cyphers on ham frequencies?
Tom, N1TP.

Ed Loranger wrote:

> If anyone needs practice with cypher groups in CW,
> there is a unknown station with RST 539 on 7042.5
> right now at 0729Z.
>
> trdag mwmin rmidm nmriw
> diumd rtrua adwwm amgmi
> umdwg twtga guird tgwmg
> ningn tmmdt ungwi .awrt ..dug iumum
>
> I don't make a habit of posting these messages
> and appologize for seemingly non-qrp topic.
>
> But it is good practice. It is QRS at 15 wpm.
> -Ed
> 72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
> Enjoying Ham Radio every day! Santa Rosa, CA.
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Nov 1998 05:58:38 -0000
From: "Bruce Barley" <lbbbarley@feist.com>
To: <n1tp@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [25893] Re: Code Warrior
Message-ID: <01be1838\$a57b29a0\$9305f7c6@lbbbarley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, Tom -

It IS illegal. The law regarding the transmission of cyphers on 40m is enforced to the same extent as is the law prohibiting the transmission of obscene language. Been on 80m phone lately?

Bruce KB0PZD qrp-1 # 69
lbbbarley@feist.com

-----Original Message-----

From: Tom Palmer <n1tp@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, November 25, 1998 10:30 AM
Subject: Re: Code Warrior

>Isn't there a rule that it's illegal to send cyphers on ham frequencies?
>Tom, N1TP.

>

>Ed Loranger wrote:

>

>> If anyone needs practice with cypher groups in CW,
>> there is a unknown station with RST 539 on 7042.5
>> right now at 0729Z.

>>

>> trdag mwmin rmidm nmriw
>> diumd rtrua adwwwm amgmi
>> umdwg twtga guird tgwmg
>> ningn tmmdt ungwi .awrt ..dug iumum

>>

<SNIP>

>> -Ed

>> 72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

>> Enjoying Ham Radio every day! Santa Rosa, CA.

Date: Wed, 25 Nov 1998 07:05:18 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [25894] Fox: got him - I think
Message-ID: <365BF27E.42DCB46F@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

40 sure was weird last night. I worked a couple of stations just before diner and the band seemed very good. Just prior to the N/T+ fox time I heard Doc K0EVZ tune up with a real good signal so I gave him a call. We had a short chat and then went standby for the fox. Heard the fox's first call and his signal was good and strong. This is going to be easy! Heard him go after W4VCT, N1TP, K1QM and K0EVZ but then he just disappeared. I can work VA standing on my head most nights but nothing. I could hear some hounds every once in a while but never good enough to copy their complete exchange.

For the other fox the start looked very bad. I could hear Steve W8SFF calling him but that was the only way I found the fox frequency. Again I could only hear a hound every once in a while but no fox. Then out of nowhere I heard both sides when N2LO worked him but then he disappeared again. Almost went to bed. In fact I took the phones off, reached over to disconnect the rig from the battery and with the phones sitting on the desk I heard a signal. Put the phones back on. Major QSB time but at least it is better than trying to stay awake with nothing but noise. With about 10 minutes left I head a solid 559 fox on a QSB peak calling fox. Threw out my call. He came back. Got his exchange. Gave him my stuff with no repeats cuz I figured the QSB would kick in. I could hear him but not well enough to copy a QSL. So I got him. I think. With just one call.

Ed Kwik AB8DF qrp-1# 1444 waiting to see my call in the fox log.

Date: Wed, 25 Nov 1998 04:19:33 PST
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [25895] I think Ive made my choice
Message-ID: <19981125121933.17942.qmail@hotmail.com>

MIME-Version: 1.0
Content-Type: text/plain

hey gang:

An offer was made by a member of this group for a Yaesu 757mrkII for 500\$. I think this will be the best deal. Opinions? I'm taking it over the ten-tec omni c because of its wide band receive capability as it will have to double as a shortwave receiver, And it just seems to be have more bells and whistles than the Alinco DX 70t. I guess it would be best not to waste the bandwidth of the entire group so I request that any replies be sent directly to my address.

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 25 Nov 1998 08:03:03 -0500
From: "david r" <elbc@pivot.net>
To: <traylor@ECE.ORST.EDU>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [25896] Re: Opinion wanted: wire and ladder line source
Message-ID: <00a401be1873\$f0b5bb20\$623d62ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Roger Traylor <traylor@ECE.ORST.EDU>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 24, 1998 3:01 PM
Subject: Opinion wanted: wire and ladder line source

>Gang,
> I've just moved into a new qth. I'm planning to construct an
> all new 135ft dipole of 14ga copperweld fed with ladder line.
> A few questions....
>
> 1. Who have you found to be a good supplier of wire, ladderline,
> and rope? (not just the cheapest)
> 2. I'm thinking about 14ga stranded ladderline. Any experiences
> pro or con?
>
> Thanks,

>
> Roger Traylor
> WB4TPW
>
try <http://www.davisrf.com/>

73 dave

Date: Wed, 25 Nov 1998 08:03:34 -0500
From: kf2ew@juno.com
To: qrp-l@lehigh.edu
Subject: [25897] DSP filter for KC2EEQ
Message-ID: <19981125.080339.6854.0.kf2ew@juno.com>

Hi, all. Here's the latest piece of info on Ashley. She's mainly using the Icom 735 although she seems to enjoy the Sierra more. The reason is that the audio and filtering is a lot better. She and I discovered this during CW SS. To tell you the truth, we were both surprised.

Anyway, I'm looking for a DSP unit to help her enjoy the Icom a little more and keep her interested in making QSO's. Unfortunately there's not a lot of extra money floating around right now so I'm looking for a used unit.

If anyone has one - I have to try to keep it under a hundred bucks - please let me know.

Thanks,
Mike, KF2EW

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Nov 1998 06:23:26 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
Cc: <QRP-L@lehigh.edu>
Subject: [25898] Re: N/T+ fox for Tuesday
Message-ID: <002c01be1877\$29358220\$7ea8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Doc,

My pleasure!!! And it's my duty!! Or so that's how I see it anyway. If ya can't take a few minutes to phraise and encourage the up and coming new hams then ya might as well kiss this hobby good bye. (some nay sayers say it's already to late. maybe? but at least I can cast my vote for this great hobby/sport with action not just hot air) Hey, when I get to that REAL old-dusty fart status ...say 80, I want to be able to sit back and rag chew using a key/paddle! I've got about three decades to go before then. And I'm just trying to make sure there'll be a few ops around who know how to yack with their fingers so we can hammer out some fun QSOs! I guess I'm kinda selfish, trying to protect what I've grown to love and enjoy?

BTW you are right about "brave enough to take the plunge" part. I for one haven't found the courage myself to want to be on the receiving end a hundred hounds shouting my call all at once. I would say it takes real guts to be the FOX!! And confidence in one's operating skills to dive in to the foxin' den. I have a lot of respect for all those who have had their turn in the barrel! Bravo!

Another BTW - You and ED(we6w) are a great inspiration for this hobby/sport with your fire and enthusiasm for ham radio particularly QRP and foxin'.

THANK YOU GUYS!! and keep the fires going!

TU & 72Steve/n0tu Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>
-----Original Message-----
From: W. D. (Doc) Lindsey <70511.3041@compuserve.com>
To: INTERNET:n0tu@webaccess.net <n0tu@webaccess.net>
Cc: W.D. (Doc) Lindsey/K0EVZ <70511.3041@compuserve.com>
Date: Tuesday, November 24, 1998 9:18 PM
Subject: Re: N/T+ fox for Tuesday

>Steve:

>

>Congrats on yet another pelt. I especially appreciate guys like you taking
>time to work these guys. In a way we all elmer them by simply taking part
>in their operation. It was quite a task getting this guy to be brave

>enough to make the plunge. So it was good to hear a pretty good
>pileup at
>his start. Thanks again for your part :-).
>
>72/73,
>--Doc Lindsey/K0EVZ
> DSBF
> P.O. Box 7187
> Bismarck, ND 58507
> E-Mail 70511.3041@compuserve.com
>

Date: Wed, 25 Nov 1998 13:44:24 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [25899] Re: A strange K8FF Paddle proposal
Message-ID: <365e09a0.26953448@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Wed, 25 Nov 1998 03:04:52 GMT, mwattcpa@earthlink.net (Marty Watt) =
wrote:

>Anybody interested?

Thanks to all who are interested. I have someone to build one for me! =
(Which
is my preference, since the paddle design is so neat!)

--
72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Wed, 25 Nov 1998 09:14:19 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: hamjoel@juno.com, qrp-1@Lehigh.EDU
Subject: [25900] Re: elevated antenna cite
Message-ID: <19981125.091545.-68025.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel and Group,

On Tue, 24 Nov 1998 17:08:19 -0500 hamjoel@juno.com writes:

>>...anybody got verticals...
I like to share antenna >stuff<

>>...how does it work out....
Verticals have several advantages;

They travel well (RV ladder rack and load bed of pick up).

Omni-directional (360 degree pattern).

A "short" vertical can be operated on several bands by loading it at the base,
(try that MFJ 16010 (?...abt \$30...?) located at the base of the ant >>
NOT in the shack<<, BUT connect the antenna to the "xmtr port" and the
feed line to the "ant port").

Height is not as critical as the horizontal antenna (re: radiation angle).

Radials not required IF an aluminum extension is used for the tower AND counterpoise.

>>does it attract any lightning???
Remember lightning rods are designed not to ATTRACT lightning rather DISCHARGE the area to avert a lightning strike (I subscribe to the theory >DONT FOOL WITH MOTHER NATURE< through the feed line out the window during an electrical storm).

John
N3AAZ

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Nov 98 08:24:33 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [25901] Code Groups and Code Practice
Message-ID: <199811251422.JAA199010@nss4.cc.Lehigh.EDU>

Gang,

<http://www.bro.net/explorer/part97.htm>

A radio amateur may conduct one-way transmissions for the purpose of aiding in the learning of the Morse Language and may send code groups in so doing. The wording of the regulations prohibits ENCRYPTED messages such as two individuals decide to send messages back and forth and don't want the casual listener (including government agencies) to be able to decode or read. Historically we all know what this was all about. In the new movie just out we have satellites that send CQ at 22WPM. :-) But did anyone else catch the high speed stuff? :-)

Hope noone is sending nasty grams to the station conducting code practice. We need all those guys we can get.....

The above URL to the entire text of regulations that we all are expected to read and understand and follow. :-)

Ooops. Listening to 18.101MHz and someone is tuning up. I hate it when that happens..... Does everyone know what is on 18.101MHz? Of particular interest to the milliWatters in the group. 18.096-18.099MHz should be interesting.....

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 25 Nov 1998 09:25:14 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [25902] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <Pine.SOL.3.92.981125091659.8090A-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

BNC connectors are convenient, but may I suggest that people also have a look at TNCs? They are the same physical size as BNCs and have identical innards, but have threads instead of the bayonet connection. As a result they are physically more secure, with superior RF performance (rivalling N connectors, but without the bulk).

They used to be obscure - I still encounter hams who don't know what the connectors on my gear are - but they are much more common now thanks to 800/900 MHz commercial and cellular radio.

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Wed, 25 Nov 1998 08:54:10 -0500
From: W5TB <w5tb@SoftHome.net>
To: traylor@ECE.OST.EDU
Cc: qrp-1@Lehigh.EDU
Subject: [25903] wire
Message-ID: <v04011702b281bacfbd6d@[10.4.13.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll second the vote for the Wireman. He has a booth at HAMCOM in Dallas each year and from the comments of locals no one has ever been disappointed.

His web site is at <http://www.thewireman.com/>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>

QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Wed, 25 Nov 1998 07:58:20 -0800
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [25904] FS: Yaesu FT-7
Message-ID: <000101be188c\$6fb259c0\$03fe2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nice 10 Watt rig - CW and SSB. Pre-WARC. No mods, but I did have to replace the timing cap on the semi-QSK control. If you are not familiar with this rig, it has removable boards for easy access and service. I have the manual and instructions for lowering the output to "official" QRP. Handheld mic. Feel free to email with questions. Asking \$300 shipped CONUS.

Jim Johnson, KM7H
QRP ARCI #3497

(425) 775-8155 (work)

km7h@gte.net

Date: Wed, 25 Nov 1998 09:16:07 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [25905] Wanted: RF-1
Message-ID: <000901be188f\$06b3f700\$8fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone want to lighten their load of a Autek RF-1?
Have goodies to trade or cash? please email direct.

TU & 72Steve/n0tu Monument,CO
email: n0tu@webaccess.net

Date: Wed, 25 Nov 1998 08:20:15 -0800
From: Brian Murrey <brian@iquest.net>
To: qrp-l@lehigh.edu
Subject: [25906] FOX - Reminder
Message-ID: <365C2E3F.C1E640DA@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Just a quick reminder that I will be the General FOX tomorrow night from 9pm to 11pm EST (02:00 to 04:00 UTC). Will start at 7.048 and probably go down the dial depending on QRM.

I will call:

CQ FOX CQ FOX DE KB9BVN/AG

Please respond with your call one time. I'm doing well at 10-13 wpm, but I've been down with the flu all week. So please, bear with me.

Exchange:

RST ### ### STATE STATE NAME NAME NR ##### ## DE CALLSIGN

If we stick with this, I should be able to get all info on the first pass. (I hope) My record is a measley 16 contacts in two hours, people are telling me that I should be prepared for 3 or 4 times this amount. Oh boy!! I QSL 100% and I'd be thrilled if you all did the same...but if you can't, you can't. I need 16 more states for WAS on 40M...please help me! <grin>

--

=====
NORCAL Zombie Brian Murrey KB9BVN/AG QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====

Date: Wed, 25 Nov 1998 10:26:26 -0600
From: sholisky@ktca.org (Scott Holisky)
To: qrp-l@lehigh.edu
Subject: [25907] FOX:S-9+
Message-ID: <fc.000f548a003b8798000f548a003b8798.3b8847@ktca.org>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Boy Jack was your signal screaming into Minnesota. I've got to apologize for the 559, had the attenuator on and the bandwidth wide open :). Typical operator confusion, hearing your call, as I tried to figure out which key was hooked into the rig...ah the joys of foxhunting.

Your signal held pretty well above the noise level all two hours, at least when I checked. Forty sure seems finicky though during this time period. More than once I've noticed a real quick enchantment and then the signals just head down the hill, as the band goes long. All this occurring over maybe two or three contacts.

Anybody have any tips for tracking down the neighbor with the "touch lamp"...I've got one that needs a new style lamp for Christmas...

73's - Scott

sholisky@ktca.org

Date: Wed, 25 Nov 1998 12:09:34 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [25908] FOX: Rough Going and no pelt
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B63F7CA7@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I went looking for the NT+ fox last night - No luck. Man, is that Novice portion rough. You could loose your eardrums with those whistles every 5 KHz. I never heard our critter.

OK - So there's still Jack. Heck, I've worked him from the car a couple of years ago, I should be able to pick him out from the shack on my HF6V. I found you Jack, but you were playing tag with the noise floor all evening. I did make a few calls to the Fox, but was never heard. Oh Well - that's what makes it challenging.

For those doing propagation studies and graphs ... Long Island is a rough place for qrp I think. Jack was audible but barely. He would drop under the noise level and disappear for about 15 minutes and then re-appear for a while (15 minutes or so). It appeared to be a cycling thing going on. I've experienced things like this on 30m before especially at night.

Just reporting the news here from sunny LI, NY

Happy Thanksgiving All,

Nick - kf2ph . .

--

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 25 Nov 1998 11:14:13 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [25909] SS-SSB-QRP-VE5QRP-
Message-ID: <Pine.LNX.3.95.981125110838.8320A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...well I've had time to go over my Sweepstakes log and I came up with 246
qsos times X 2 X 74 sections = 36408.....I'm ECSTATIC!!!!...I guess I can
buy a pin now ;-))

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 club member "QRP! How sweet it is!"

Date: Wed, 25 Nov 1998 12:28:31 -0500

From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-1@lehigh.edu>
Subject: [25910] N/T+ fox: observations of the 2nd time (a bit long)
Message-ID: <199811251751.MAA07972@smtp3.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello folks:

Boy! Was the 2nd time as fox ever different from the first!

As always, my thanks to the hounds for sticking with me.

I heard more hounds this time but most of the signals were not as strong and a few were almost lost in the noise/QRM. This was the first time I EVER gave out 1's in RSTs. Yet, most of the information got through. Amazing! (It's times like this that I wish operators who think CW is completely obsolete would pay attention. While code is not the only legitimate mode, it DOES get through when nothing else will. As a result it expands the hobby, it doesn't restrict it. It's worth the effort to learn. OK, off the soapbox now.)

The fox hunts are an excellent way to build those listening/hearing skills. You normally wouldn't strain to get RST 113 signals but doing so improves the ability to deal with the RST 327 types of QSOs. The hunts also emphasize the importance of antennas. I'll be trying to improve mine this week. It may be a minor improvement given my yard conditions, but I hope it helps.

The fox hunts are quintessential QRP experience: send CQ and have someone respond with is this frequency clear. This isn't a complaint, just an observation.

On sending code: I noticed that if I pay close attention to manipulating the paddle (Ten-Tec single lever), I screw up. That is why Doc's callsign ended with a Q instead of a Z and why I sent Mark's name as Mary. I wrote them down correctly and sent/responded incorrectly. But if I just think about the words and let my hand live its own life, the sending improves. ("Zen and the Art of CW"?)

I was glad to see others comment on how the band conditions wavered severely. I thought my brain was starting to fade and drift.

I am trying NOT to ask the hounds to slow down unless absolutely needed. I figure it's better to ask for repeats.

I wanted to be a little more responsive/conversational but the band conditions made it impossible.

I am consistently getting better signal reports than I give out during the hunt. Obviously, there's going to be some antenna work coming. The Corsair II is clearly up to the job if I feed the receiver a better diet.

I deeply appreciate the good wishes and encouragement from you folks. At 45 years old, it's a little difficult to try something so new in such a PUBLIC fashion. On the other hand, the tensions, uncertainties, triumphs and growing skills make me feel like a teen again. This hobby can be quite an adventure.

72/73, de Jeff KF4JSV QRP-L # 743
Manassas, VA

Date: Wed, 25 Nov 1998 12:49:59 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-l@lehigh.edu>
Subject: [25911] suggestions for a single lever paddle
Message-ID: <199811251751.MAA07993@smtp3.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings:

My experience as a N/T+ fox are showing me the limitations of my Ten-Tec single lever paddle. It's fine for the price but it's too light and I need a way to better adjust the spacing. I like single levers and don't want the distraction of learning a new method until I pass my 13 WPM test. (I passed the General written this last Saturday and missed the code by 3 characters. Sorta rats! I was so close, but it was by far the best showing on the test so far.)

I would welcome suggestions on makes of single lever paddles, preferably under \$150.00. I have a big hand and a fairly heavy touch, so those are factors. On the other side, I find I like close/slight motion spacing. Feel free to respond directly (jpoulin@erols.com) and I'll submit a compendium of the results to the list.

FWIW: After I pass the 13 WPM test, I want to experiment with double lever paddles, etc. I also want to learn to use a Bug, but that is really for a future with more experience and time to practise. Although I'm a fairly new ham, I'm old enough (mid-40s) to see value in a certain amount of

continuity in the hobby and retaining traditional skills.

Thanks for any suggestions.

73, de Jeff KF4JSV QRP-L # 743
Manassas, VA

Date: Wed, 25 Nov 1998 12:23:35 -0600 (CST)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-l@lehigh.edu
Subject: [25912] FOX W5TFB report
Message-ID: <199811251823.MAA10591@fourier.math.tamu.edu>

Nr	time	call	sent	rcvd	s/p	name	nr/pwr	
---	----	-----	-----	-----	-----	-----	-----	-----
1	0200	KU7Y	559	559		NV RON	17	
2	0200	N0AR	559	559		MN SCOTT	1455	
3	0201	K50I	559	559		NM TIM	73	
4	0201	VE7CQK	559	559		BC PAUL	2	
5	0202	VE3JC	559	559		ON JOHN	844	
6	0202	WS4S	559	569		TN CONCARD	993	
7	0203	N2ZHY	559	559		NJ DAVID	2W	
8	0203	KA80KH	559	559		KY RICH	933	
9	0204	KB5W	559	559		MS JIM	5W	
10	0205	W1GL	559	579		RI TED	5W	
11	0205	WA9QCF	559	559		IN JD	100W	
12	0206	N1TP	559	559		FL TOM	1455	
13	0207	N0AR	559	559		MN SCOTT	1317	
14	0208	KB0PTE	559	559		MO WAYNE	1058	
15	0209	VE2KN	559	579		PQ JIM	103	
16	0210	NQ7X	559	559		AZ FLOYD	343	
17	0210	N1FN	559	559		CO MARSHALL	153	
18	0211	AK7Y	559	559		AZ GREG	1693	
19	0212	K1MG	559	559		CA MIKE	614	
20	0213	KI0II	559	559		CO RON	928	
21	0214	AI4CW	559	449		AL DON	1670	
22	0215	WD4DSX	559	449		GA RANDY	1771	
23	0216	K4JPN	559	579		GA STEVE	1828 ?	
24	0217	AB7MY	559	559		AZ GARY	571	
25	0218	AB0GO	559	559		CO DAVID	785	
26	0219	W0RW	559	559		CO PAUL	1284	
27	0220	W4VCT	559	559		KY PETE	1721	
28	0221	KS4L	559	589		AL RANDY	468	
29	0221	K8DD	559	589		MI HANK	246	
30	0222	K4AVX	559	569		KY JOHN	1753	
31	0222	K1QM	559	579		MA JOEL	337	

32	0223	K0JI	559	559	MO	JIM	5W
33	0224	K0EVZ	559	599	ND	DOC	861
34	0225	WB9HFK	559	559	IL	MARK	1159
35	0226	W8SFF	559	579	MI	STEVE	1288
36	0227	NF0R	559	589	MO	DAVE	33
37	0228	KU4AF	559	569	NC	JOHN	987
38	0229	K8CV	559	559	MI	WALT	935
39	0230	N4ROA	559	559	VA	DAN	970
40	0231	WD8KQY	559	559	OH	GARY	446
41	0232	K4BYF	559	579	FL	JACK	5W
42	0233	W0CH	559	599	MO	DAVE	618
43	0234	N9DD	559	599	IN	TOM	32
44	0235	AL0A	559	579	IN	GREG	1274
45	0236	K5ON	559	559	NM	GARY	770
46	0237	WQ8RP	559	589	MI	HANK	5W
47	0238	KA4BMK	559	569	FL	JIM	5W
48	0239	N8VAR	559	449	OH	RON	253
49	0240	N3YSI	559	559	PA	PAUL	3W
50	0241	K2SJB	559	579	NY	DAVE	757
51	0242	WB8JMB/8	559	339	OH	RICK	1118
52	0243	K8IQY	559	559	MI	JIM	181
53	0244	W9ME	559	589	IN	DAN	5W
54	0245	WE6W	559	599	CA	ED	1068
55	0246	WA9PWP	559	569	WI	PAUL	127
56	0247	K0HH	559	559	MO	ED	5W
57	0248	K2VCO	559	559	CA	VIC	725
58	0249	W9MT	559	559	IN	ED	QRO?
59	0250	N6VZ	559	579	CA	GARY	919
60	0251	W0RSP	559	579	SK	ADE	HE SENT 660 ??
61	0252	VE6EWM	559	559	AB	EARL	1076
62	0253	W2RG	559	559	NJ	BILL	5W
63	0254	KA3K	559	559	PA	CHAS	5W
64	0255	KG2LO	559	559	NJ	ROLAND	1445
65	0256	N6WA	559	559	CA	BOB	26
66	0258	N7GS	559	559	MT	MAL	815
----- OK HOW ABOUT THIS: STOP HERE AND JUST *2 -----							
67	0300	W3NPL	559	599	MD	JOETT	5W
68	0302	N2VPK	559	579	NY	MARKT	314
69	0304	W8KC	559	559	MI	PAUL	59 tnx, Paul
70	0305	VE5RC	559	559	SK	BRUCE	886
71	0306	KB9IOT/M	559	559	WI	DAVID	1410 amazing/m sig
72	0307	NZ4E	559	449	VA	JACK	1281 Marc?
73	0309	K0YO	559	579	CO	MIKE	1281
74	0310	N2LO	559	559	NJ	BOB	1719
75	0311	K2SF	559	559	NY	JEFF	5W
76	0313	KC1FB	559	599	CT	JIM	29
77	0315	W8RO	559	559	OH	FLOYD	392 ran out of folks
78	0326	KI7MN	559	579	AZ	BOB	271 to work . . .

79	0328	N0AR	559	559	MN	SCOTT	1455
80	0329	W2IV	599	599	NY	JOHN	1193 best sig heard!
81	0331	K7TQ	559	559	ID	RANDY	102
82	0345	W4IM	559	559	VA	JOHN	1691
83	0349	AB8DF	559	559	MI	ED	1444
84	0353	WB9LKC	559	579	VI	RAY	8

Date: Wed, 25 Nov 1998 10:33:00 -0800 (PST)
 From: Brad Bradfield <b_bradfield@yahoo.com>
 To: Message posts for QRP-L <qrp-l@lehigh.edu>
 Subject: [25913] NEW CALL
 Message-ID: <19981125183300.29459.rocketmail@send204.yahoomail.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii

Good afternoon y'all - -

Just wanted to drop everyone a note to let you know that I now have a new callsign. WB0CGH is no more. I am now W5CGH. Seems strange since I'd held WB0CGH since 1970 when I started as WN0CGH. But hey, W5CGH is 25% shorter to send!

Y'all have a great Thanksgiving!

72's es 73's,

Brad, W5CGH

DO YOU YAHOO!?
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Date: Wed, 25 Nov 1998 11:45:19 PST
 From: "Greg Breeden" <a10a@hotmail.com>
 To: qrp-l@lehigh.edu
 Subject: [25914] Folded Dipole
 Message-ID: <19981125194520.5553.qmail@hotmail.com>
 MIME-Version: 1.0

Content-Type: text/plain

Gang:

Thinking about changing antennas. I have a 130 ft dipole which I am considering changing to a 130 ft FOLDED dipole. I am interested in the extra SWR bandwidth which is typical of such an antenna. This is the reason for the possible change.

I feed my present dipole with 300 ohm ladder line and it performs well. I realize I would gain bandwidth on 80 meters as well as other bands. The impedance of the folded dipole is around 300 ohms (if my memory works right). So this would match well with a 300 balanced feed line. I am already using the tuner's balun in the shack for the existing antenna. So I should come up with something close to 75 ohms (after the 4/1 balun) on 80 meters.

What about other bands: 40-10? Does any one know where the impedance and consequently the SWR would end up on other bands using this arrangement? Anyone done this?

I suppose I could try it and see but thought I would ask before I cut and trim.

Thanks,

Greg Breeden

West Baden, IN

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Date: Wed, 25 Nov 1998 14:55:59 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [25915] Re: ARRL and QRP Awards
Message-ID: <365C60CF.308@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

K0su@kktv.com wrote:

> "QRP is defined as 10 watts input (or 5 watts output) of the applicant only and
> is affirmed by signature of the applicant on the application."

> This is right off of the web page. Apparently the ARRL does not require
> QRP to be on the cards for this award. Not sure about others. As an
> ARRL awards manager I have only done one QRP WAS award in several years
> and I did not check to see that the applicants call had /QRP on the
> cards because of the way the application is written. If I have done it
> incorrectly I sure would like to know about it.

I just verified this with Eileen Sapko, the WAS guru here at HQ. She
told me that this interpretation is correct; QRP is verified only by
certification of the applicant.

Years back, WAS could be endorsed for virtually anything (perhaps using
a soldering iron as the antenna) IF the cards showed what was being
claimed.

Some time ago, that was changed, with only a few specific endorsements
allowed. I am quite pleased that QRP is one of them. :-)

> Everybody have a good Turkey day.

And you too.

73, Ed Hare, W1RFI

Date: Wed, 25 Nov 1998 12:52:13 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [25916] Re: FS:TenTec Scout 555 - Reduced
Message-ID: <365C5FED.7BC8@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Scout with all band modules and mobile mount has been sold.

Thanks for the bandwidth.

--

73, Jerry W5JH

Peoria, (near Phoenix) AZ, AZ ScQRpions

EX:KY4Z, WB7VIO, WB9LOM, WN9LOM, WN9BIU, WN9NZA
TT Scout @5W, NW40, FT990, IC735, QRP-L 1645,
Norcal Zombie badge 233 (PRIME!)

Date: Wed, 25 Nov 1998 11:57:52 -0800 (PST)
From: Jim Knopf <ki7q@yahoo.com>
To: QRP-L Maillist <qrp-l@Lehigh.EDU>
Subject: [25917] The Soldering Iron of Justice
Message-ID: <19981125195752.4958.rocketmail@send106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I thought you'se folks would enjoy this "deep thought" which I saw today:

If I lived back in the Wild West days, instead of carrying a six-gun in my holster, I'd carry a soldering iron. That way, if some smart-aleck cowboy said something like "Hey, look, He's carrying a soldering iron!" and started laughing, and everybody else started laughing, I could just say, "That's right, it's a soldering iron. The soldering iron of justice."

Then everybody would get real quiet and ashamed, because they made fun of the soldering iron of justice, and I could probably hit them up for a free drink.

>From Deep Thoughts, by Jack handy

==
Jim, KI7Q QRP-L#1689
<http://www.halcyon.com/knopf/jim>

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Date: Wed, 25 Nov 1998 13:15:25 -0500

From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [25918] Deconstructing an ART-13 & other follies
Message-ID: <19981125.131531.4030.0.nilsbull@juno.com>

Gang,

Staying home to watch the youngest through the end of a cold, I decided to change the furnace filters & ended up dragging an ART-13 transmitter out of the basement damp & dreary. As I dragged it up the steps I begin to think of all the neat stuff that is inside one of these beasts.

There's a two-band PTO with multiplier &c.
There's a pretty fancy antenna tuning/final loading set up with a very big capacitor.
There's a thermocouple antenna current meter (5 A max scale).
There's a nicely marked battery/final current/volts &c meter.

On the down side, it's built like a brick & the capacitor is an integral part. You can't really take it apart without losing the capacitor. Unless you wanna get someone to machine matching endplates & drool up some hardware to rebuild the cap as something useful in antenna tuning.

I thought, as I deconstructed the beast (at least to the point I got to today, which ain't that far) that I could use a lot of the parts &c as a tube filled CW transmitter with big nasty knobs & lots of problems. I thought that I could use the antenna loading parts as part of a big hootie powa remote tuner. (The 28 V motor & gears stuff is intact [and integral], which is another story.)

Then I returned from samadhi & decided to just put the antenna current thermocouple deal together in a box and hang it on the wall so I can impress myself by watching the noodle in the meter rise & fall in some rhythm with my keying.

Free time. Day dreams. Such foolishness. I could probably build one of those Ten Tec kit variable caps cheaper 'n I could fight with getting the ART-13 cap out of the box in one piece & make end plates to redeconstruct it.

I think it's definitely medication time.

73
Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

"In my day we had to FIGHT to have email! Every day was a struggle!"
Comrade Sergei Nikolaievich McTovarishov

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Date: 26 Nov 1998 02:56:11 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [25919] manual for H.P. 400H AC voltmeter?
Message-ID: <1998Nov26.025611-0500@[130.113.234.7]>

Gotta watch the dumpsters around here.
Just picked out a AC voltmeter,
rather old. It ain't QRP, but will
likely be used to measure QRP rigs.

Managed to repair it without
a manual (electrolytics are ALWAYS
suspect in these antiques),
but alignment is another matter.
Would like to know if its a true
RMS meter, or just a faker.
Anyone got an alignment procedure
for the Hewlett-Packard 400H?
Glen VE3DNL leinwebe@mcmaster.ca

Date: Wed, 25 Nov 1998 12:20:13 -0800 (PST)
From: frank lauri <qrp@yaho.com>
To: ac5ez@webtv.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25920] Re: novice bands
Message-ID: <19981125202013.168.rocketmail@send102.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Some of my nicest contacts were on the Novice frequencies....away from
the maddening crowds!!!

Frank N2IX Carmel,NY

---Larry B <ac5ez@webtv.net> wrote:

>
> Spending time in the novice bands may be a thing of the past after the
> fcc and arrl get through adjusting the novice bands right out of
> existence as far as cw goes. Next year may be the last year for cw in
the
> novice bands.
> K1zw
>
>

DO YOU YAHOO!?

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Date: Wed, 25 Nov 1998 11:33:47 -0900
From: "Larsen, Jim" <JLarsen@alascam.att.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Cc: "'n2tnn@ifu.net'" <n2tnn@ifu.net>, "George Heron N2APB (E-mail)"
<G.Heron@dialogic.com>
Subject: [25921] AL7FS in Somerset NJ
Message-ID: <291F3DB584F5D1119BAF006008CE719E919290@ALASCOMEXC1>
MIME-Version: 1.0
Content-Type: text/plain

Greetings from Alaska,

I will be flying into New Jersey late on Sunday night, Nov 29th. I expect to be in the area until after lunch on Friday, December 4th. If there is any chance to get together with QRP folk either in a group or even one at a time, I always enjoy it. I plan to bring my SW40+ and Rainbow tuner and will run the Spartan Sprint from the hotel on Monday night.

Details:

Hotel = DoubleTree Somerset
200 Atrium Drive
Somerset, NJ 08873
732-469-2600

<http://maps.yahoo.com/py/maps.py?Pyt=Tmap&addr=200+Atrium+Drive&csz=Somerset+NJ+08873&Get+Map=Get+Map>

Get a load of the Zip Code for this location: 88 73. Neat.

I may bring a 2 meter HT with me. What repeaters are good from

Somerset? I will also have my laptop with me and tuned to QRP-L at least once a day.

I hope something can happen. We shall see.

73, Jim Larsen, AL7FS

Date: Wed, 25 Nov 1998 15:50:55 -0500
From: wa8rxi@juno.com
To: n1tp@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [25922] Re: Code Warrior
Message-ID: <19981125.160448.-159539.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Wed, 25 Nov 1998 05:30:01 -0500 Tom Palmer <n1tp@worldnet.att.net> writes:

>Isn't there a rule that it's illegal to send cyphers on ham
>frequencies?
>Tom, N1TP.

=====
Tom,

FCC 97.117 says "Amateurs may not obscure the meaning of *their* communications by putting them into codes or ciphers".
But, if its a clandestine operation FBI, CIA, etc. then there are NO Rules.
Rick - WA8RXI

>Ed Loranger wrote:
>
>> If anyone needs practice with cypher groups in CW,
>> there is a unknown station with RST 539 on 7042.5
>> right now at 0729Z.
>>
>> trdag mwmin rmidm nmriw

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Date: Wed, 25 Nov 1998 13:20:40 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <nilsbull@juno.com>
Cc: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [25923] Re: Deconstructing an ART-13 & other follies
Message-ID: <103101be18b9\$76d80ec0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I think it's definitely medication time.

Definitely. You're starting to sound sane. <shudder>

Be of good turkey,

Mike K1MG

Date: Wed, 25 Nov 1998 16:26:55 EST
From: SMurph555@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25924] Help Requested, 624 Kits Gary Breed 30M Rig
Message-ID: <286c7111.365c761f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all:

I bought a used Gary Breed 30M rig which had been sold by 624 Kits. While the Tx is fine, the Rx is dead. On removing the top, it appears to me that the 1/4 inch headphone or key jack was probably shorting to the Rx circuit board. I inferred that the Rx LO must still be "LO'ing".

Anyone ever have this happen? If so, any suggestion on what "went West" would be welcome. And I intend to use longer spacers to support the Rx board.
72/73

Cal K4JSI

Date: Wed, 25 Nov 1998 14:34:16 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com
Subject: [25925] Zombie & Fox QSLs, Zulu Date
Message-ID: <199811252132.0AA25739@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Well, I finally got a chance to get the QSL cards out for the Zombie Shuffle and my turn as Fox. I just sent one to everyone who sent me a card, so if you want or need a card just send me one.

I was kind of bemused by the fact that several folks put the time in UTC (Z) but put the *local* date. Just thought I'd mention it because where cards are required for awards, or where for example a DXpedition has a big log to go through, it can be a problem. The date on the card should be in accordance with the time that is indicated.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Wed, 25 Nov 1998 16:29:50 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <JLarsen@alascom.att.com>
Subject: [25926] Re: AL7FS in Somerset NJ
Message-ID: <031601be18bb\$0308c550\$883984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is great news Jim (that you'll be in town next week). We'll definitely

arrange a dinner QRP gathering like we did last year at that place with the peanuts :-)

I'll put the word out on our NJ-QRP mail list and see what we can arrange.
Is any day better for you?

72/73,

--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ

Date: Wed, 25 Nov 1998 16:55:00 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [25927] 2N2/40 Update #7
Message-ID: <3.0.1.32.19981125165500.006bd60c@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

If you're not interested in the 2N2/40 project,
hit delete now.

As requested by several persons on the list, the schematic of
the 2N2/40 Prototype RIT circuit is now also available on
the RIT page.

Thanks for your interest, and bandwidth on the reflector.

72....Jim, K8IQY

In case you need it again, the URL is:

<http://home.cwix.com/~jokortge@cwix.com/>

Date: Wed, 25 Nov 1998 17:00:58 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: Bruce Barley <lbbbarley@feist.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25928] Re: Code Warrior
Message-ID: <365C7E19.39BEF5AA@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, I've been on 80 lately and I know what you mean, including the net around 7.880 with the Net Controller's name is "Puke" ... and it's downhill from there. That's the Net where the members brag about there "under the porch" amplifiers. I'm concerned that the planned "restructuring" will make things that much worse. Tom, N1TP.

Bruce Barley wrote:

```
> Yes, Tom -
>
> It IS illegal. The law regarding the transmission of cyphers on 40m
> is enforced to the same extent as is the law prohibiting the
> transmission of obscene language. Been on 80m phone lately?
>
> Bruce KB0PZD qrp-1 # 69
> lbbarley@feist.com
>
> -----Original Message-----
> From: Tom Palmer <n1tp@worldnet.att.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Wednesday, November 25, 1998 10:30 AM
> Subject: Re: Code Warrior
>
> >Isn't there a rule that it's illegal to send cyphers on ham frequencies?
> >Tom, N1TP.
> >
> >Ed Loranger wrote:
> >
> >> If anyone needs practice with cypher groups in CW,
> >> there is a unknown station with RST 539 on 7042.5
> >> right now at 0729Z.
> >>
> >> trdag mwmin rmidm nmriw
> >> diumd rtrua adwwwm amgmi
> >> umdwg twtga guird tgwmng
> >> ningn tmmtdt ungwi .awrt ..dug iumum
> >>
> <SNIP>
> >> -Ed
> >> 72, Ed WE6W QRP-Z#106 http://www.qsl.net/we6w
> >> Enjoying Ham Radio every day! Santa Rosa, CA.
> -----
```

Date: Wed, 25 Nov 1998 17:05:22 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Greg Breeden <a10a@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25929] Re: Folded Dipole
Message-ID: <Pine.GS0.3.96.981125165622.1975C-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Greg,

A folded dipole is a monoband antenna. It can be made to work on some harmonic bands, but on others it is very poor.

For widest bandwidth on 80 plus all the other HF bands, why not replace the coax with parallel feedline and use an antenna tuner. Then you can operate anywhere on 80/75 and on all bands above. If the tuner acts finicky on some band or another, add a small amount of feedline between the end pf the current one and the tuner output. That will change the resistance and ractance at the tuner terminals, and you will be able to find a length of line that the tuner can handle for a good and efficient match.

This is the classical all-band doublet. It has several other names, but most of them are misleading. It can be cut to the range (non-critical) 120-140' (which is where your present wire is). For smaller yards, 90-110' work well, with slightly less performance on 80 meters. For 40 meters and up, 60-75' will do. The patterns look different on each band for each antenna length, since the wire is a different fraction of or multiple of a wavelength, depending on the band.

At my site, in the Antennas from the Ground Up series, there are representative patterns for each band of the 135' and the 102' versions of the doublet. Unfortunately, the site may be inaccessible this weekend, but should return Monday when the computer center goes back on line. There is also a separate article on the all-band doublet in the Continuing Education series.

hope this helps.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	---	/	---	(Hm) (423) 938-6335

Knoxville, Tennessee /\ \ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ \ \ || cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html

Date: Wed, 25 Nov 1998 17:25:47 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: brian@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [25930] Re: FOX - Reminder
Message-ID: <365C83EB.41376868@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

1.8 watts into an attic dipole. We MAY have to use our ear phones. Tom,
N1TP.

Brian Murrey wrote:

> Hi all,
>
> Just a quick reminder that I will be the General FOX tomorrow night from
> 9pm to 11pm EST (02:00 to 04:00 UTC). Will start at 7.048 and probably
> go down the dial depending on QRM.
>
> I will call:
>
> CQ FOX CQ FOX DE KB9BVN/AG
>
> Please respond with your call one time. I'm doing well at 10-13 wpm, but
> I've been down with the flu all week. So please, bear with me.
>
> Exchange:
>
> RST #### #### STATE STATE NAME NAME NR ##### ##### DE CALLSIGN
>
> If we stick with this, I should be able to get all info on the first
> pass. (I hope) My record is a measley 16 contacts in two hours, people
> are telling me that I should be prepared for 3 or 4 times this amount.
> Oh boy!! I QSL 100% and I'd be thrilled if you all did the same...but if
> you can't, you can't. I need 16 more states for WAS on 40M...please help
> me! <grin>

>
> --
> =====
> NORCAL Zombie Brian Murrey KB9BVN/AG QRP-L #1540
> 39.558 N 86.095 W Johnson Co., Indiana
> GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
> =====

Date: Wed, 25 Nov 1998 18:15:55 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [25931] Re: ARRL Membership & 1995 Handbook NN1G Transceiver
Message-ID: <365C8FAB.12E9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Fielden wrote:

> Well after 8 years as a Ham I sent in the Money to join ARRL. I really had
> strong feelings about not joining the ARRL. I don't really support the
> latest new "Dumb Ham" laws they want to pass on to the FCC, I don't at all
> like the way ARRL employs post to this group goodies only for ARRL
> members(Like see this GREAT story on QRP, but if you're not ARRL get lost)

Hi, Jim,

I think the characterization of ARRL employees is not exactly fair. Let me offer some info about ARRL employee participation in this, or any, ham-radio area. Just like you, our participation is personal. I do not participate here at the behest of my boss; he would probaby prefer that I didn't (so he can get a bit more work out of me :-). We have a number of QRPers here at ARRL HQ and we, like you, enjoy reading and talking QRP with others of like mind. I believe that our collective posts reflect that interest and I can say with certainty that not a one of us has ever told anyone here to "get lost" or any words to that effect.

Yes, I sometimes do post information about ARRL here, usually in response to a thread about ... ARRL. :-) I think that most would find that helpful. As an example, just this morning, a question came up about QRP Worked All States. I read it, dashed off to the desk that issues the WAS, got the question answered and posted it here. My physical closeness makes that seem like such a natural. I have

sometimes posted about the QRP content of QST, offered info that lets my colleagues on this forum know that there is a lot of QRP here at ARRL HQ and, yes, if I know of an upcoming QST or ARRL Web Extra article on QRP, I will share that with my friends here. The intent is not to tell non-members to get lost, but to make sure that members and non-members alike realize that ARRL is indeed interested in the goings on of the QRP community and is interested in offering some of our published material to meet their needs. Quite honestly, I really can't see what is not to like about our doing that.

> With all that said and sliding into my Flame Garments, I will say, I do like
> that they are there everyday trying to see that Hams get a fair shake, I do
> like QST for the most part. I like the ARRL test guides because you have to
> study informations instead of just looking at questions and answers. I
> really like the QRP Books that they have done (see it's a qrp message).
> Well for the real truth I got a free \$29.00 CD for joining so that made it
> like \$5.00 to join.

I am pleased that the League was able to offer such a deal. :-) I personally believe it would have been well worth the full price, too -- I pony up my dues dollars every year, too. I have not always agreed with everything ARRL has done (I wish, for example, that the League had taken the restructuring thing a bit farther) but, OTOH, I want to support ARRL's defense of ham frequencies, its representing Amateur Radio in industry committees (The IEEE EMC committee, the IEEE RF-exposure committee, etc., to cite some of my own work.)

> For Internet Heros: Yes I know I misspell words, use bad english and in
> general am a scumbag so please don't E-mail me and tell me.

I sure won't. As someone involved in publishing (at least on the hairy edges), I notice things like that, but if I am able to understand the concepts someone is communicating, that is more important to me than finding small fault with a spelling or grammar useage. Heck, my grammar isn't exactly perfect, either; I know this every time one of the QST editors has to work on something I wrote.

Most important, keep active in ham radio, support the parts of ARRL you believe are right and try to do something about the rest (grousing, griping or well-reasoned letters to your ARRL Division Director usually have some long-term effect.). Maybe that is what keeps me here year after year. :-)

72 from the ARRL Lab
Ed Hare, W1RFI

Date: 25 Nov 1998 17:55:53 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [25932] Enclosures and Communs. Pack
Message-ID: <n1300105928.99850@msmailgw1.arlut.utexas.edu>

Happy Thanksgiving All! (even if it is a North American holiday).

Now it is time to think of projects to build over the holidays.

With the Christmas shopping season starting, I noticed a Quantum leap in the availability of tin boxes at the various local stores and drug stores. For example the Eckard's chain drug stores are carrying an Altoids sized Whitman's (candy) Sampler tin, with four candies for \$1.40 local. Delicious way to package a little rig. This box is deeper I think than the Altoids, and thus might lend itself to more or differing battery arrangement.

There are many larger boxes in evidence. Walgreens has several. One type of Christmas candy is coming in a low profile but very wide tin.

This immediately spoke "G-QRP six pack" to me. You could have a whole test bench in there.

Even the Wal Mart store has some candidate tins. Thus, it may pay to take a stroll through the candy and gift packing departments. Some places sell blank tins for gift shipping. Check out The Container Store and similar chains. When I was in K-Mart in San Diego CA end of October, I found an herbal cold remedy in another Altoids like tin, so the box makers are coming back. Too bad Sucrets abandoned metal boxes for the present plastic ones, but they might be fine for a tuner.

Now, of course no affiliation with any of the stores above, and none with Radio Shack, but they did send out a new flyer. In it, I notice they have on sale a "Communications Waist Pack" This is a custom fanny pack with four pockets. One is for holding a HT sized radio or phone. It allows the unit to be open to use a keypad on front, thus it is handy for some ham handhelds. The sale price is \$9.99, regularly 14.99. Might be of interest to some for hiking, etc. Certainly interesting to consider for emergency communications events outdoors, where you could extend the HT battery life by carrying spare packs or even a small gel cell on your belt.

Don't eat too much Turkey!
Stuart K5KVH

Date: Wed, 25 Nov 1998 18:57:10 -0500

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Bill Cole <billc@dandy.net>, Dave Marshall <n8oay@sprintmail.com>, Don
Schimmel <dwschimpl@intrepid.net>, Ed Muro <KC2AYC@qsl.net>,
John McColman <jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>,
Lynn Burke <lburke@infi.net>, Mark Meece <mmeece@siscom.net>,
Cc: Andy Yoder A*C*E <ayoder@pa.net>, Bill Cheek <bcheek@san.rr.com>, Bill Kent
<bknt@aol.com>, Bill Oliver <boliver@blackboard.com>,
Bob & Debbie Schnieder <RSchne36@aol.com>, Bob Brown <bbrown3394@aol.com>,
Bob Huston <robhuston@mindspring.com>, Brian Berkes <bberkes@erols.com>,
Subject: [25933] Thanksgiving
Message-ID: <365C9956.614FFF6A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Quite a lot to be thankful for this year. A new job that's a lot less
stressful. The family is doing fine and as I've said for years...
There's milk in the fridge and the roof don't leak. Life is good!

Happy Thanksgiving to all!!!

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

End of QRP-L Digest 1287
